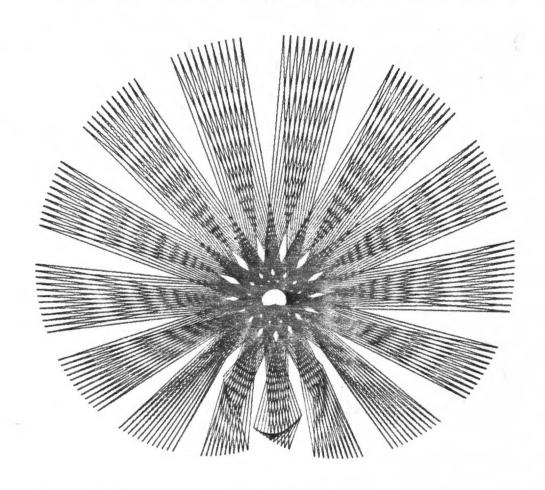
FEBRUARY

1987

PUBLISHED BY THE GREATER CLEVELAND SINCLAIR USERS GROUP



WEST SIDE GROUP MEETS AT LAKEWOOD PUBLIC LIBRARY

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EAST SIDE GROUP MEETS AT THE EUCLID SQUARE MALL
IN THE EUCLIDIAN ROOM 7:30 P.M.
EVERY FIRST FRIDAY EACH MONTH
CONTACT: MAX SCHOENFELD (216) 371-1096

A short note to our friends from other nemsletters and magazines. You are welcome to use any of our material, news, adds, or programs if YOU: (1) Tell where it came from (RANTOP Cleveland, Ohio) and (2) The author's name that wrote the article. We would appreciate it if you would send us a copy of the newsletter that it appeared in! Unless otherwise notified we will do the same.

THANK YOU FOR YOUR INTEREST IN OUR NEWSLETTER!

TIMEX/SINCUAIR NEWS & RESOURCES

************ news/rumors hardware soft-

------FEB. 1986 by Andy Kosiorek

1987 MIDWEST T/S COMPUTERFEST

A group rate of \$52.00 per nite, per room, is available for Fest attendees. Reservations may be made by calling 317-872-9790 or 1-800-HOLIDAY. To obtain the group rate you must state that you will be attending the Fest when you make the reservation. This Holiday Inn is a "Holidome" with first class accomidations and ammenities. There are many other nearby hotels, in all price ranges. I will have a list available at the March Club meetings. meetings.

Conferance rates arepreregistration (before 3/1) single \$4.00, family 7.00 at the doorsingle \$5.00, family \$9.00.

preregistration, For mail prereg send your check to: Paul Holmgren

Our club will have a display in the exhibit area. The latest reports state that exhibit space booked to date already exceeds the total booked last year.

exhibit larger Along with a area (6000 sq. feet), there will be two seminars running be two seminars running concurrently. There will also be a flea market area for attendees to sell or swap "used" hardware and "legal" original copies of used software.

For those arriving on Friday, there will be a group banquet, at about 7 pm. Reservations for this event are available only through the Club. If you would like to attend, please let me like to attend, please know by Friday, April 3.

Tom Simon is co-ordinating our clubs table displays at the Fest. If you will be attending please contact Tom and sign up to work a session at our table. If you would like to car-poot to this event, please ask at the March Club meetings. the March Club meetings.

TIMEX/SINCLAIR NEWS & RESOURCES

************ news/rumors software literature hardware software literature

FEB. 1985 by Andy Kosiorek

THE SHAKEOUT CONTINUES - - -

TS HORIZON's announced in THE 1987 T/O FEST will be held on May 2 & Ord, at the Holiday Inn-North, Indianapolis, Indiana The hotel is located off of I-465, at 3850 Depauw Blvd. The hotel operates an airport limo.

To HORIZON's announced in the December issue, (#21), that they will discontinue publishing with issue #29. They also stated that they would be willing to have someone else take over or share in publishing the magazine. in publishing the magazine.

Zebra has sold out of and will no longer carry the Timex of Portugal FDD system. However a "Timex of Portugal Sytems" newsletter is being organized. For further info write to John Bylander, 1203 Owens St. #308, Stillwater, MN. 55082.

end your check to:
Paul Holmgren
Paul Holmgren
Used production of the "Discovery Disk System for the Spectrum.
Findianapolis, Indiana 46254
Club will have a display in exhibit area. The latest orts state that exhibit space

In the UK, Opus has discontinued production of the "Discovery Disk System for the Spectrum.
However a new combination Disk printer interface for the Spectrum the Disciple" has appeared in the British mags for £74.00, without drives.

GOOD NEWS.....

Russell Electronics has an improved Romswitch. It now includes a T5 2068 ROM, with the corrections published in the US journals, and a Spectrum ROM with a "trace" feature, similiar to the Braziatizn ROM.

On the subject of tracers, a software program,"Tracer T52068" is now available for about \$15.00. This program will print \$15.00. This program will print at the bottom of the screen, each line of your basic program as it is executed.

Here we are going into our third year as an "orphan" computer. We are still going strong! We who own these marvels, know that they are excellent machines! We all know that they have a lot of yet unleashed potential. This was proven at the Feb. East Side meeting by JEFF MOORE, Editor of SYNCWARE NEWS. He demoed hi res. graphics with a stock 1000 that had a Hunter board attached! He also showed us a system that he built that had TWO disk drives, an OLIGER vidio board. 64K computer adressable RAM. 16K vidio RAM. and best if all. a 1000 as the brains! He also demoed a cartridge version of ProFile. Profile is a very fast and easy to use filing program that lets you find info FAST! The cartridge version allows you to have a lot more RAM and has the centronics drivers built it! Jeff said that it was also compatible with the OLIGER disk system.

I HOPE THAT YOU ALL WILL DROP JEFF A NOTE AND THANK HIM FOR HIS EFFORTS! I know that I boosted up by his enthusiasm! His address is: Jeffery Moore, 602 South Mill St., Louisville, OH, 44641 If you would be interested in receiving SYNCWARE NEWS, send a note to that effect along with a check for \$16.95 to: SYNCWARE NEWS (Thomas B. Woods), P.O. Box 64, Jefferson, NH, 03583.

I have decided that there should be a column devoted to the OLIGER DISK SYSTEM and othe fine products form the John Oliger Co. Many of us now have this system and it would be great if we are all kept informed as to the status of his DOS as well as other products that he is producing. John is an easy person to talk to and has a genuine commitment to the T/S computers. He not only sells fine products, but he backs up what he sells with quick service, and any advice you may need to get you up and running.

I have a bit of a beef for a very few T/S people. I have seen on more than one occation an article or program that I had written in another T/S publication that had someone elses name or was not given credit to the RAMTOP as the source. If it's happened to me I know that it has happened to others. I'm sure you will agree that this is NOT fair to the person who spent the time to develop the program or write the article!

THIS HONTHS NOTES BRINGS THE FOLLOWING TELEPHONE &'S TO CALL WITH YOUR MODEN. IF YOU ARE INTO MUSIC MAKING WITH YOUR COMPUTER, CALL THE MUSICAL INSTRUMENT DIGITAL INTERFACE ONIDID 88S THAT RUMS UP TO 2400 BAUD AT 244-276-8902. THEY "HAVE SONG FILES, SYNTHESIZER PATCHES AND MIDI EQUIPMENT NEWS. ALLIANCE FRANCAISE HAS A 88S AT 803-585-8575, WHICH DESCRIBES ITSELF AS LE PREMIER SYSTEME BILINGUE D'ECHANGES INFOMATISES. THE 88S IS ALLEGED TO BE IN ENGLISH. THE HOUSTON TO JUPITER SPECIAL IS AT 743-460-8006 AND IS THE 88S OF THE AMERICAN INTERSELLAR SOCIETY, THEY HAVE A NUMBER OF ONLINE CONFERENCES AS WELL AS A GAME 'EMPIRE', YOU CAN GET FREE TIME ON PEOPLE LINK IF YOU CALL 900-826-8855 AND USE THE OPTION FOR INFORMATION. THEY WILL SEND YOU A PRESSHORD AND IDM GOOD FOR AN HOUR ON THEIR SYSTEM.

PETE FISCHER AND STEUE ISHII HAVE PUBLISHED A PUBLIC DOMAIN MODEH QUIDE. IT IS AVAILABLE TO BE COPIED WITHOUT RESTRICTION. THERE ARE SEVERAL COPIES FLOATING AROUND OUR GROUP. IF YOU WANT ONE AND DON'T WANT TO COPY IT WRITE TO PETE FISCHER. P.O. BOX 2002. TEMPE, ARIZONA 85281. SEND HIM A COUPLE DOLLARS TO COVER POSTAGE AND XEROXING. YOU CAN ALSO REACH HIM ON THE TSU BES.

WHILE SPEAKING OF THE OLIGER SYSTEM. WE HAVE FINALLY RECIEVED PERMISSION TO MARKET THE ADAPTATION OF SPDOS FOR THE OLIGER INTERFACE. IT FEATURES COMPATABILITY WITH DISKS SAMED WITH THE THE MILLEMIA K SYSTEM AND OFFERS USERS A FULL DOS THAT WILL HANDLE SEQUENTIAL FILES WHILE CO-EXISTING WITH THE OLIGER SAFE BASIC DOS. IT IS AVAILABLE FROM THE CUYAHOGA VALLEY SOFTMANE WORKS, 615 SCHOOL AVE., CUYAHOGA FALLS, ONIO 44221 FOR \$24.95 +41.50 FOR SHIPPING CIF REQUIRED). IT SHOULD BE AVAILABLE AS SOON AS THE DOCUMENTATION IS COMPLETED IN 48 OR 88 TRACK DRIVE FORMATS, FOR FURTHER INFORMATION CONTACT THOMAS SINON AT THE ADDRESS ÅBOUE.

CHRIS RRYMAK IS EXPANDING THE TSU AGAIN HE WILL BE ADDING A C-128 AND TWO DISK DRIVES TO THE BBS NETWORK TAKING IT HELL OVER A HEG OF AMAILABLE HEMORY. HE ALSO HAS DISCOVERED THAT THOSE WHO HAVE BL'S AND HAVE HAD PROBLEMS WITH THE BBS AT 1200 BRUD, SHOULD LOG ON AS A MEN USER, REGISTER THEIR COMPUTER AS OTHER AND SET THE HULLS TO 50 OR HORE WHICH WILL SLOW THE BBS DOWN EHOUGH TO WORK WITH THE BL. THE TSU NOW HAS A GL PROGRAMS IN THE DOWNLOAD SECTION, SOME OF YOU MAY KNOW THAT HE HAS AN OLIGER SIG, THE ONLY ONE IN THE COUNTRY, JOHN OLIGER WAS RECENTLY ON AND HE SAYS HE WILL BE BACK ON THE TSU AGAIN ANSWER QUESTIONS THERE, SO WHY MOT CALL SOME MIGHT AND LEAVE A MESSAGE?

CTSUC MEMBER TOBY RACLOFF WAS MENTIONED RECENTLY ON MATIONIONAL TV. IF YOU CAUGHT THE DAVID LETTERMAN SHOW JANUARY 6TH. ONE OF MIS GUESTS WAS WAS CLEVELAND COMIC BOOK BUTHOR, HARVEY PEXAR WHO SAID HELLO TO TOBY, WHO BLSO WORKS FOR THE VA IN CLEVELAND.

RECENTLY WE RECIEVED A LETTER FROM A LADY IN MEW YORK WHOSE 14 YEAR OLD SON SHE DESCRIBES AS AN ACCOMPLISED T/S 2068 USER; HE IS LIVING IN ROMANIA AND IS INTERESTED IN CORRESPONDING WITH OTHER USERS, MRITE TO : ALEANDRU ROSIGREAMU, STR. CIMPINA 25, BUCHAREST- SI, ROMANIA.

COMMING UP MARCH 8 IS A COMPUTERFEST AT THE MASONIC GREAT HALL, 4645 MERTHERDOMMS BLUD., TOLEDO. IT IS VERY CLOSE TO EXIT 4 OF THE ONIO TURNPINE. THESE COMPUTERFESTS USUALLY ARE A GOOD SOURCE OF HARDWARE AND ELECTROMIC PARTS. FOR FURTHER INFORMATION CALL MIKE MOMONIEJSKI AT 419-385-5878 OR 419-865-3124.

Here I s a neat game for the 2068. It was given to me on a tape from Gabe Schaffer.

20 LET h=0 30 GO TO 5000 100 IF a>31 THEN GO TO 500 105 PRINT AT d,a; 1: IF j<1 TH PRINT AT 17, f+1;" "; AT 18, f;" ": IF ATTR (17, f) <>40 THEN PRINT AT 17, f;" "120 LET f=f+(TNVF)" **IN1 H1 17, t)

120 LET f=f+(INKEY\$="8" AND f<=
29)-(INKEY\$="5" AND f>=11)

130 PRINT INK 5; AT 17, f; "Y"; TAB
f+1; INK 6; ""; AT 18, f; INK 6;

PAPER 3; ""

140 IF ATTR (d,a)=40 THEN PRINT d,a;" AT 150 LET d=d+dd: 160 IF d=17 THE LET a =a +a a THEN GO TO 200 170 IF d=18 THEN GO TO 300 180 IF d=14 THEN GO TO 400 210 IF ATTR (d,a)=46 AND i=11 T 210 IF ATTR (d,a) =46 AND i =11 T HEN GO TO 3000 220 IF SCREEN\$ (d,a) ="Y" AND i = 1 THEN PRINT AT d,a; "." BEEP .1 ,0: PRINT AT d,a; ": LET s=s+5: PRINT INK 7; PAPER 0; AT 2,9; s; A T 1,28; j-1; ": LET j=j-1: GO T 0 2400 0 2400 230 GO TO 100 300 IF_ATTR (d,a)=30 THEN LET a =a-1: LET aa=0 310 LET dd=-dd 320 IF INT (RND+2+1)=1 THEN LET aa=0 330 LET 340 GO TO 100 400 LET dd=-dd 410 LET aa=1 420 LET i=1 430 GO TO 100 500 LET j=j-1 ER 0;AT 1,28;j 430 GO TO 100
500 LET j=j-1: PRINT INK 7; PAP
ER 0;AT 1,28; j; "
510 GO TO 2400
910 BORDER 0: PAPER 5: CLS
920 PRINT INK 1;AT 5,7; "IF BALL
HITS TOP-";AT 7,7; "CATCHER DEST
ROYED";AT 12,6; "TO MOVE CATCHER
USE";AT 14,11; "<- OR ->";AT 16,6 (AFTER CANNON FIRES) " 930 FOR a=1 TO 20: BEEP .1,a: B EEP .1,20-a: NEXT a: CLS 1100 FOR a=19 TO 21: FOR b=0 TO 31: PRINT INK 4;AT a,b;"=": NEXT NEXT 1200 PRINT AT 14,1;",";TAB 0;"
";TAB 0;" ";TAB 0;"0"
1300 FOR a=0 TO 2: FOR b=0 TO 31
: PRINT INK 0;AT a,b;" : NEXT b NEXT 1400 PRINT INK 7; PAPER 0;AT 1,1;"HIGHEST:0";TAB 15;"CANNON BALL 5:50";TAB 1;"SCORE :0";TAB 15;" CATCHERS 1500 PRINT INK 6; AT 17,15; "3"; AT 18,14; "3" 1600 FOR a=1 TO 20: BEEP .1,20-a : BEEP .1,a: NEXT a 2100 LET s=0: LET f=14: LET g=7: LET i=0: LET j=50 2100 LET s=0: LET f=14: LET 9=7:
LET i=0: LET j=50
2400 LET c=INT (RND*2+1): LET e=
INT (RND*2+1): LET d=14+c: LET d
d=1: LET a=1+e: LET aa=1
2950 PRINT INK 7; AT 14,3; ***; AT
15,2; ****; AT 16,3; ****; BEEP .3,20: PRINT AT 14,3; ***; AT 15,2;
"; AT 16,3; ***; GO TO 100
3100 PRINT AT d,a; ***
3200 FOR a=1 TO 3: BEEP .2,5: BE 3200 FOR a=1 TO 3: BEEP .2,5: BE EP .2,-5: NEXT a 3300 PRINT AT 17, f;" ";AT 18, f;

3400 LET g=g-1: PRINT INK 7; PAP ER 0; AT 2,28; q; AT 1,28; j-1; ": LET j=j-1 3500 IF 9=0 OR j=0 THEN GO TO 40 00 3600 GO TO 2400 4050 FOR b=1 TO 3 4100 FOR a=7 TO 0 STEP -1 4200 BORDER a 4300 BEEP .1,a 4400 NEXT a 4500 NEXT b 5100 PRINT INK 1; AT 5,9; "FOR NEW GAME-"; AT 7,9; "PRESS ""ENTER"" 5200 IF INKEY\$=CHR\$ 13 THEN GO T 0 5400 5300 GO TO 5200 5400 IF s>h THEN LET h=s 5450 PRINT INK 7; PAPER 0;AT 2,9 ;0; ";AT 1,28;50;AT 2,28;7;AT 5600 GO TO 2000 6100 LET z=255 6200 FOR a=1 TO TO 6300 READ as 5400 FOR b=0 6500 READ POKE USR a\$+b,c E : 5500 NEXT 6700 NEXT 6800 DATA "a",0,0,0,0,0,0,0,3,3 6900 DATA "b",3,3,0,0,0,0,0,0,0 7000 DATA "c",252,254,z,z,z,z, 7100 DATA "d",60,126,239,223,223 ,z,126,60 7200 GO TO 900

OLIGER PRODUCTS COLUMN

Here is our first OLISER column. It will be breif this time as I don't have a lot of space this issue. The biggest news is that there is a new DOS for the OLIGER disk system for the 2068. Most of you have heard about the version 2.1. This gave us almost all the comands that we have on the cassette plus a few used by the interface only. All the printer software is still there but we now have a way to save only what we need to. The disk actualy uses 5K chunks but you may save 1 byte of MC if you want. The latest is version 2.20. In this version you may now MOVE files from one drive to another drive. (not the whole disk only) There is also verifacation done when saving files. The CAT is also checked to be sure you don't put any . errors in it while saving. As a few of you know, this can be a real disaster! I lost the CAT on my Greeting card program. To be fair, I have only had this one error in all the time that I have had the this disk system. I think that is a darn good track (Ha HA) record myself. We will discuse more in the next issue. James G. DuPuu

Digital Imagizing - Part I By Eric Michaud

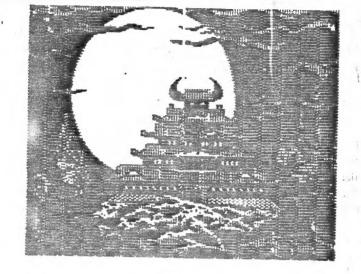
Have you ever wanted to have some REAL pictures for your 2068? I don't mean your usual pictures from your typical drawing programs but real pictures, such as your face, for example. This tutorial will show you how to hook up a video camera to your 2068 with a fairly simple hardware attachment.

I chose to wire-wrap my prototype and it worked fine but be sure to keep wires as short as possible in the op-amp section of the circuit. My version lies in the cartridge port but it would be easy enough to transfer to the rear connector if desired. Other than that I will leave the actual construction up to you.

The circuit can be divided into two parts. The interface and the digitizing circuitry. The interface section simply provides 8 inputs and 8 outputs. Only 4 outputs are actually used along with 2 inputs. The extra lines could be used for your own projects. I chose to map the interface to 10 port 00 but this could easily be changed to another port if it interferes with another piece of hardware. Small software changes would have to be made to accomodate for this change. The digitizing section of the circuit essentially separates the video sync signal and the actual picture data from your video source and by use of the tM311's, the picture is converted to a digital format. Then through timing accomplished by the 74LS74N and the LM556, the picture is sampled at appropriate times to collect the image.

It is important to note that you must have a still video source as it takes 5 seconds to collect one image. Also, your video source must be capable of driving a monitor. RF video such as from a ZX81 will NOT work. A VCR or video camera with a MONITOR OUT jack will work. For testing purposes, I recommend another computer with a monitor output plug or a VCR with shake-free freeze frame. There are three controls on the digitizer. The BRIGHTNESS knob sets the brightness of the image. The STRETCH knob allows you to horizontally expand or compress the image. Finally the SYNC knob is used to place yourself 'in sync' with the incoming video source.

I will leave you with the schematic for now and in the next article, setup, theory and use will be discussed. In the meantime, I suggest that you obtain the driver software from the club library. The program is called EyByNi.Bl. If you still aren't convinced of the usefulness of this project, check out the picture. I have taken from KARATEKA, an Apple II+ game.





Examples of the Digital Imagizer output

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many other tapes, and some books

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A NOVELTY TS 2048

An interesting and rather "pretty" bug exists in the way the DRAW command executes its arc-making facility. Try this short routine:

10 INPUT "Any odd number":n

15 CLS

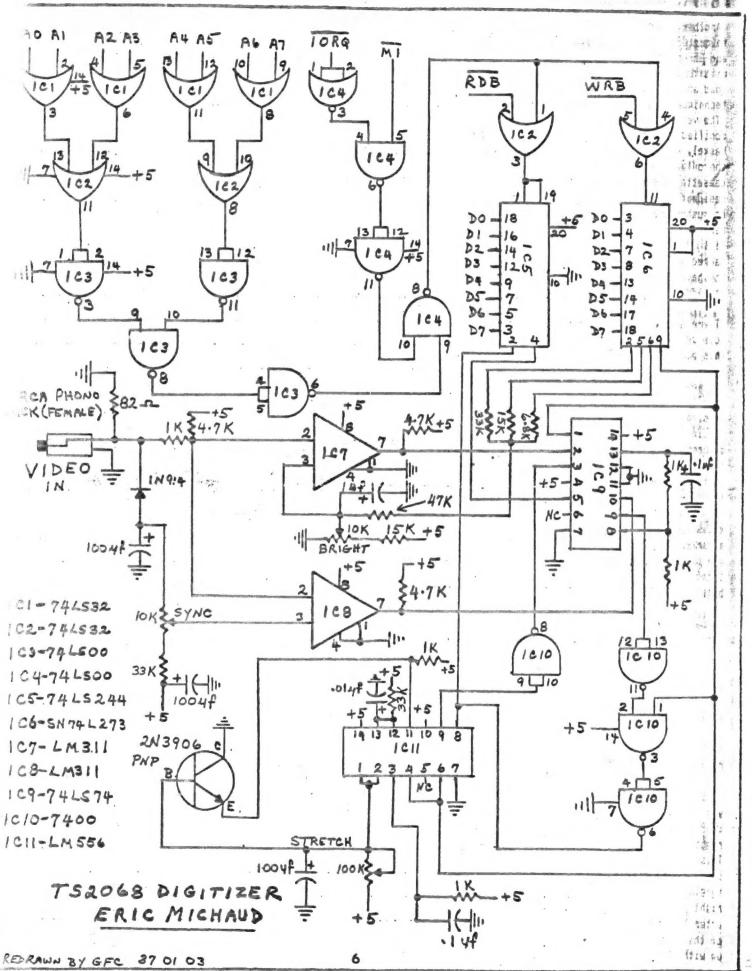
20 PLOT 75,50: DRAW 100,100,PI *n

30 GOTO 10

Having RUN this program, try adding the following line. 5 OVER 1

Try inputting these numbers: 253, 237, 375, 287, 157, and EXPERIMENT!!

From the L.I.S.T. newsletter



If you would like to subscribe to the RAMTOP please fill out this form and send it to the listed address along with a check for: \$15/Year or \$7.50/6 mo. to become a member of our Group (Attend meetings, use library tapes Ect.) or: \$12/Year or \$6/6 months to receive the RAMTOP only. Please make checks payable to the RAMTOP! (The phone # is only for our records!)	
*Please print! Enclosed: 5	for 1 year / 6 months *
* *NAME:	PHONE:
•	We need your phone # *
*STREET:	for our records! *
*CITY: STA	ATE: ZIP: *
*Type of computer(s) and peripher	ral(s) uou own. *
*	*
* THANK YOU for your interes	* Please send to: *
*Robert Parish, 12706 Leeila Ave	
******	**********
1 REM ***	HOTES CONTINUED
PROGRAM 1.2 (BOUNCING BALL) (with glass walls) By James N Jones 2242 Locust St	THE RURKER SQUARE SHOW IS BEING HELD MARROH 21 AND 22. AS USUAL WE ARE HAVING A TABLE THERE, IF YOU WOULD LIKE TO HELP MAN THE
Amarillo, TX 79109 2 REM SIMULATES A BALLBOUNCIN G OFF FLOOR AND WALLS	
5 BORDER 1: PAPER 1: INK 7 9 LET DX=0: LET V1=1	FOR DISPLAY AT THE INDIANAPOLIS SHOW AND TWO AT THE AKRON SHOW,
10 LET X=50: LET Y=4: LET A=1: LET V=0 20 CLS : OVER 1	THERE IS ANOTHER 512K INTERNAL HENORY EXPANSION BOARD FROM THE UX FOR THE QL CALLED "91.648". IT REQUIRES A LITTLE BIT OF
30 PLOT 0,0: DRAU 0,175: DRAU 255,0: DRAU 0,-175: DRAU -255,0	SOLDERING AND RELOCATING THE SHALL SOURCE CIRCUIT BORRD ON THE
40 PLOT X,175-Y: PLOT X+1,175-Y: PLOT X,174-Y: PLOT X+1,174-Y	OL. HAKING THE HODDIFICATION TO THE POWER SUPPLY (WHICH HANY HAVE SOME ALREADY) AND IF THE OL HAS ITS CAPACITORS HOUNTED
50 IF V 174 THEN GO SUB 5000: IF V=0 THEN LET V=-1	BERTICALLY, REMOUNTING THEM ON THE UNDERSIDE OF THE BORRO (ONLY
60 IF X>254-DX THEN GO SUB 600	SOME OL'S ARE SET UP THIS WAYD. IT IS ABAILABLE FROM INPHOLINK /
0 70 IF X<(1-DX) THEN GO 3U8 700	FRONT STREET WEST, BEDLINGTON, NORTHUMBERLAND, NE22 5UB, ENGLAND AND COSTS #59. WITH SHIPPING AND THEY WILL TAKE VISA.
80 LET U=U+A 90 PLOT X,175-Y: PLOT X+1,175- Y: PLOT X,174-Y: PLOT X+1,174-Y 100 LET Y=Y+U: LET X=X+DX	SHARP'S HAS TWO PRODUCTS FOR THE OL WHICH ARE WORTHY OF CONNENT. THE FIRST IS A CLOCK WHICH RUNS ON A BATTERY RECHARGED FROM THE
100 LET 1=14V. LET 1-14DN 104 IF V1=0 AND V=0 THEN GO TO 8000	COMPUTER. THE PRICE IS \$29.00. THE SECOND IS A MULTITASKING
105 LET U1=U 110 GO TO 40 5000 LET U=-U: SOUND 0,22;2,43;4 ,55;6,31;7,56;9,16;11,2;13,0	PROGRAM CALLED TASKMASTER, WHEN USED WITH A MEMORY EXPANSION LIKE THAT PREVIOUSLY MENTIONED ALL OF THE FOUR OL BUSINESS PROGRAMS CAN BE STORED AND RUMMING AT THE SAME TIME.
5010 RETURN 6000 LET DX=-DX: 50UND 0,33;1,0; 7,62;8,16;11,232;12,1;13,0: PAUS	HOUSING FROM GL TO THE 1888 RALPH ROGNSTAD HAS SEVERAL CASES OF 16K RAM HODULES TO SELL FOR THE 1888 AT THE FOLLOWING
E 1 5010 RETURN 7000 LET DX=-DX: 30UND 0,55;2,33 ;4,77;7,56;8,16;9,16;10,16;11,2; 13,0	RATES 1 FOR \$10 2 TO 15 AT \$7.50 EACH. AND OVER 16 AT \$5. EACH. CALL HIM AFTER 6 PM AT 863-366-5895 OR WRITE TO HIM AT 2606 CELAMESE ROAD. ROCK HILL, SOUTH CAROLINA, 29738.
7010 RETURN 8000 LET DX=ABS DX+1 8010 GO TO 10 9999 CLEAR : SAVE "glasswalls" L INE 1	Would you like a program that will compute a tax table for you? If you do, bring your tape recorder to the next meeting and I let you copy a program that I typed in from Time Designs Jan/Feb

MAX SHOENFELD

issue. This program is very handy! It's called 2068 Tax

Calculator. (your income must be under \$50,000)

THE FOLLOWING FORM IS FOR THOSE WHO ARE INTERESTED IN RECEIVING A LIBRARY TAPE. YOU MUST FILL THIS OUT AND RETURN IT IF YOU WANT A TAPE MAILED TO YOU! This form is for those of you that DON'T attend the meetings. There are 2 ways to get a copy of the programs in our library: 1- Send a C-90 with your return address and \$1.00 (P&H) or 2- We will send you a tape that you can keep for \$3.00. (Make checks payable to The RAMTOP) Thank You for your support of our group!

* 1	LIBRARY TAPE FORM *
NAME	PHONE
ADDRESS	phone # is REQUIRED!
CITY	STATE ZIP
TYPE OF COMPUTER YOU (check all that you hav	DWN: 1000/ZX-81/1500/2068
Do you have a DISK sys Plese note that we red completely as possible	quest that the form be filled out as
Dean Miller (Librari 29324 Park St.	ith your check (\$1.00 or \$3.00) to: ian) + It would be appreciated if you + send us any noncopyrighted soft- + ware!!! (Phone- 216-944-8630)

From:
THE GREATER CLEVELAND SINCLAIR USERS GROUP
James G. DuPuy (Editor)
6514 Bradley Ave. (Down)
Parma, Ohio 44129

TO: